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III. A new and exact Table collected from several Observations taken from the Year 1721 to 1729, in nine Voyages to Hudson's Bay in North-America, by Captain C. Middleton; shewing the Variation of the Compass according to the Latitudes and Longitudes under-mentioned, accounting the Longitude from the Meridian of London. Communicated by Mr. Benj. Robins, F. R. S.

Lat. D. M.	Long. D. M.	Variat. D. M.	Lat. D. M.	Long. D. M.	Variat. D. M.	
50 00	2 East	12 00	50 00	16 00	15 00	Obs.
49 30	0 00	12 00	51	ditto	15	Obs.
50 00	2 West	13 00	52	ditto	16	Ac.
50 00	4 00	13 00	53	ditto	16	
50 00	6 00	13. 00	54	ditto	17	Obs.
51 00	8 00	14 00	55	ditto	18	Ac.
51 00	14 00	14 00	56	ditto	18	
52 00	12 00	15 00	57	ditto	19	
53 00	12 00	ditto.	58	ditto	19	Obs.
54 00	12 00	ditto.	50 00	18 00	17 00	Obs.
55 00	12 00	16 00	51	ditto	17	
56 00	12 00	16 00	52	ditto	17	
57 00	12 00	17 00	53	ditto	17	
58 00	12 00	17 00	54	ditto	18	
59 00	12 00	18 00	55	ditto	18	Ac.
50 00	14 00	14 00	56	ditto	18	
51 00	ditto	14	57	ditto	19	
52	ditto	15	58	ditto	19	Obs.
53	ditto	15	59	ditto	19	
54	ditto	16				
55	ditto	16				
56	ditto	17				
57	ditto	17				
58	ditto	18				
59	ditto	18				

Lat. D. M.	Long. D. M.	Variat. D. M.		Lat. D. M.	Long. D. M.	Variat. D. M.	
50 00	20 00	18 00	Ac.	50 00	26 00	21 00	Obf.
51	ditto	18		51	ditto	21	
52	ditto	18	Obf.	52	ditto	21	Ac.
53	ditto	19		53	ditto	21	
54	ditto	19		54	ditto	22	Obf.
55	ditto	19		55	ditto	22	
56	ditto	19	Ac.	56	ditto	22	Ac.
57	ditto	19		57	ditto	23	Obf.
58	ditto	20		58	ditto	23	
59	ditto	21	Obf.	59	ditto	23	
50 00	22 00	19 00	Obf.	50 00	28 00	22 00	Ac.
51	ditto	19	Ac.	51	ditto	22	
52	ditto	19		52	ditto	22	
53	ditto	20	Obf.	53	ditto	23	Obf.
54	ditto	20	Ac.	54	ditto	23	
55	ditto	20		55	ditto	23	Ac.
56	ditto	20		56	ditto	23	
57	ditto	20		57	ditto	24	Obf.
58	ditto	21	Obf.	58	ditto	24	
59	ditto	21		59	ditto	24	
50 00	24 00	20 00	Ac.	50 00	30 00	23 00	Ac.
51	ditto	20		51	ditto	23	
52	ditto	20		52	ditto	23	
53	ditto	21	Obf.	53	ditto	24	Obf.
54	ditto	21		54	ditto	24	Ac.
55	ditto	21	Ac.	55	ditto	24	
56	ditto	21		56	ditto	24	
57	ditto	21	Obf.	57	ditto	25	Obf.
58	ditto	22		58	ditto	25	
59	ditto	22		59	ditto	25	Ac.

Lat. D. M.	Long. D. M.	Variat. D. M.		Lat. D. M.	Long. D. M.	Variat. D. M.	
50 00	32 00	24 00	Ac.	50 00	40 00	28 00	Ac.
51	ditto	24		51	ditto	28	Obf.
52	ditto	24	Obf.	52	ditto	28	
53	ditto	24		53	ditto	29	
54	ditto	25		54	ditto	29	Ac.
55	ditto	25	Ac.	55	ditto	29	
56	ditto	25		56	ditto	29	
57	ditto	26	Obf.	57	ditto	30	Obf.
58	ditto	26	Ac.	58	ditto	30	
59	ditto	26	Obf.	59	ditto	30	
50 00	34 00	25 00	Obf.	51 00	42 00	29 00	Obf.
51	ditto	25	Ac.	52	ditto	29	
52	ditto	25		53	ditto	30	
53	ditto	25		54	ditto	30	
54	ditto	26	Obf.	55	ditto	30	Ac.
55	ditto	26	Obf.	56	ditto	30	Obf.
57	ditto	26		57	ditto	31	
58	ditto	27	Ac.	58	ditto	31	
59	ditto	27		59	ditto	31	
50 00	38 00	27 00	Obf.	52 00	44 00	30 00	Obf.
51	ditto	27		53	ditto	31	
52	ditto	27	Ac.	54	ditto	31	Ac.
53	ditto	28	Obf.	55	ditto	31	
54	ditto	28		56	ditto	31	
55	ditto	28	Ac.	57	ditto	32	Obf.
56	ditto	28		58	ditto	32	
57	ditto	29	Obf.	59	ditto	32	Ac.
58	ditto	29					
59	ditto	30	Obf.				

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.		D. M.	D. M.	D. M.	
53 00	46 00	31 00	Ac.	58 00	58 00	36 00	Obs.
54	ditto	32		59	ditto	37	
55	ditto	32		60	ditto	37	
56	ditto	32	Ac.	61	ditto	37	
57	ditto	33	Obs.	62	ditto	38	
58	ditto	33		63	ditto	38	
59	ditto	33		58 00	60 00	37 00	Obs.
56 00	48 00	32 00	Obs.	59	ditto	38	
57	ditto	32		60	ditto	38	
58	ditto	32		62	ditto	38	
59	ditto	34		63	ditto	39	
60	ditto	34		58 00	62 00	38 00	Obs.
61	ditto	34		59	ditto	39	
57 00	50 00	33 00	Obs.	60	ditto	39	
58	ditto	33		61	ditto	39	
59	ditto	33		62	ditto	40	
60	ditto	34		59 00	64 00	39 00	Obs.
61	ditto	35		60	ditto	39	
58 00	52 00	34 00	Obs.	61	ditto	39	
59	ditto	34		62	ditto	40	
60	ditto	34		60 00	66 00	40 00	Obs.
61	ditto	35		61	ditto	41	
62	ditto	35		62	ditto	43	
58 00	54 00	34 00	Obs.	59 00	68 00	40 00	
59	ditto	35		60	ditto	43	
60	ditto	36		61	ditto	44	
61	ditto	36		62	ditto	47	
62	ditto	36		60 00	70 00	43 00	
58 00	56 00	36 00	Obs.	61	ditto	44	
59	ditto	36		62	ditto	47	
60	ditto	36					
61	ditto	37					
62	ditto	37					

( 75 )

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.	Obs.	D. M.	D. M.	D. M.	Obs.
61 00	72 00	42 00		55 00	86 00	22 00	
62	ditto	43		56	ditto	23	
63	ditto	48		57	ditto	24	
62 00	74 00	41 00		58	ditto	25	
63	ditto	48		59	ditto	26	
62 00	76 00	41 00		60	ditto	27	
63	ditto	47					
64	ditto	49					
62 00	78 00	40 00					
63	ditto	42					
64	ditto	49					
63 00	80 00	40 00					
64	ditto	49					
60 00	82 00	38 00	Obs.				
61	ditto	39					
62	ditto	40					
63	ditto	42					
64	ditto	44					
50 00	84 00	19 00					
51	ditto	20					
51	ditto	21					
52	ditto	22					
53	ditto	23					
54	ditto	24					
55	ditto	25					
56	ditto	26					
57	ditto	27					
58	ditto	27					
59	ditto	28					
60	ditto	29					
61	ditto	30					
62	ditto	40					

Hudson's Straights.

In Hudson's Bay.

Note, The Letters Obs. are the Observations, and the Letters Ac. are by Estimation.

IV. Observa-

In Hudson's Bay.